

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicant:

B.T. Tolton et al.

Attorney Docket No.: LAMA122586

Application No.: 10/799,444

Group Art Unit: 2878

Filed:

March 12, 2004

Title:

REMOTE SENSING OF GAS LEAKS

## **INFORMATION DISCLOSURE STATEMENT**

Seattle, Washington 98101

April 12, 2005

## TO THE COMMISSIONER FOR PATENTS:

Applicants is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

Copies of the listed non-patent literature are enclosed for the Examiner's use. . 1. X

Pursuant to 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being 2. X filed within three months of the filing date of the national application (other than a CPA), within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, before the mailing date of a first Office Action on the merits, or before the mailing date of a first Office Action after the filing of an RCE.

Respectfully submitted,

CHRISTENSEN O'CONNOR JOHNSON KINDNESSPLLC

Ryan E. Dodge, Jr.

da

Registration No. 42,492

Direct Dial No. 206.695.1724

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Complete if Known			
Application Number	10/799,444		
Filing Date	March 12, 2004		
First Named Inventor	Boyd T. Tolton		
Art Unit	2878		
Examiner Name		*	
Attorney Docket Number	360-02US		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (fl known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	ш	US- 3,032,655	May 1, 1962	Romans	
	U2	<sup>US-</sup> 4,543,481	Sep 24, 1985		
	u3	<sup>US-</sup> 4,958,076	Sep 18, 1990	The state of the s	
	U4	<sup>US-</sup> 5,946,095	Aug 31, 1999	Henningsen et al.	
	U5	<sup>US-</sup> 6,061,141	May 9, 2000	Goldenberg et al.	
	U6	<sup>US-</sup> 6,157,033	Dec 5, 2000	Chudnovsky	
	<b>U7</b>	<sup>US-</sup> 6,509,566	Jan 21, 2003	Wamsley et al.	
	U8	us- 2003/0025 081	Feb 6, 2003	Edner et al.	
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°	
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Examiner	Date	
Signature	Considered	

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Complete if Known

Application Number

Substitute for form 1449/PTO		Complete if Known				
Substitu	ite for form 1445/F TO			Application Number	10/799,444	
INF	ORMATION	I DIS	CLOSURE	Filing Date	March 12, 2004	
STATEMENT BY APPLICANT		First Named Inventor	Boyd T. Tolton			
	// to a community	4		Art Unit	2878	
(Use as many sheets as necessary)		Examiner Name				
Sheet	2	of	2	Attorney Docket Number	360-02US	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	01	J. Sandsten, P. Weibring, H. Edner & S. Svanberg: "Real-Time Gas-Correlation Imaging Employing Thermal Background Radiation"; Feb 2000; Vol 6, No 4, Optics Express; p 92-103.	
	02	H. S. Lee, H.H. Zwick and S.M. Till: "Gas Filter Correlation Instrument for the Remote Sensing of Gas Leaks"; 1985 American Institute of Physics; p1812-1819.	
	03	J. Rudoph,: "The Tropospheric Distribution and Budget of Ethane" J. Geophys. Res., 100 (D6), 11369-11381 (1995)	
	04	B.T. Tolton and J.R. Drummond:" Characterization of the Length-Modulated Radiometer", Appl. Opt 36(22), 5409-5420 (1997).	

Examiner	Date	
Signature	Considered	

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